

Fig. 1

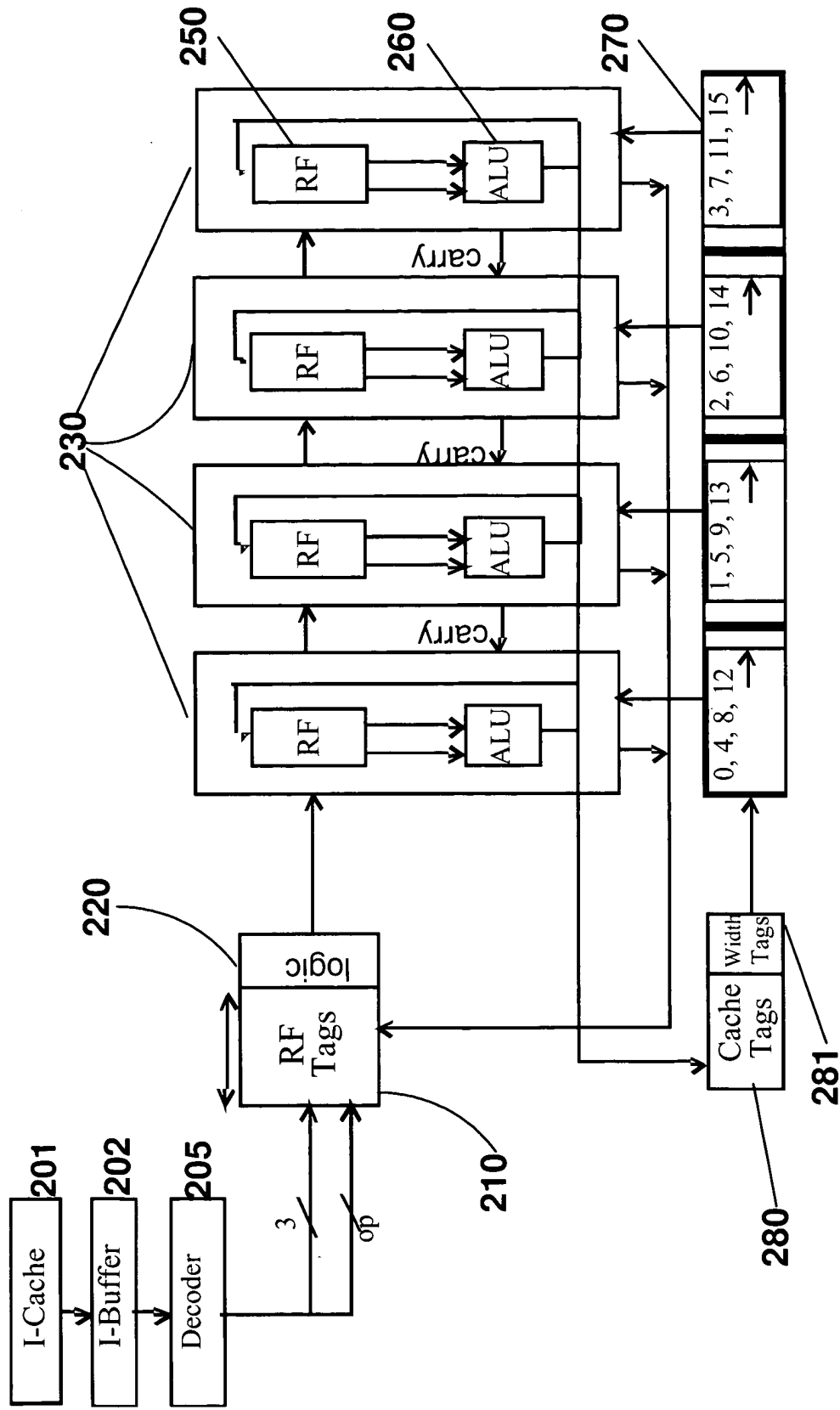


Fig. 2

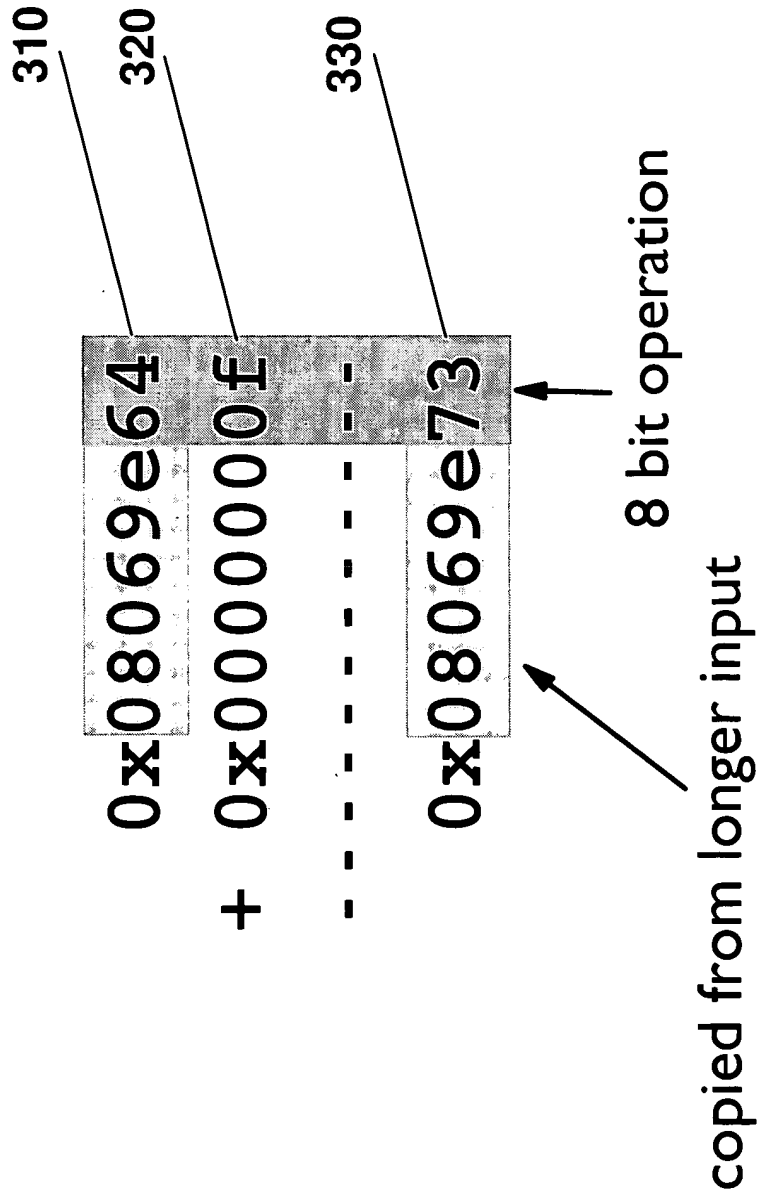


Fig. 3

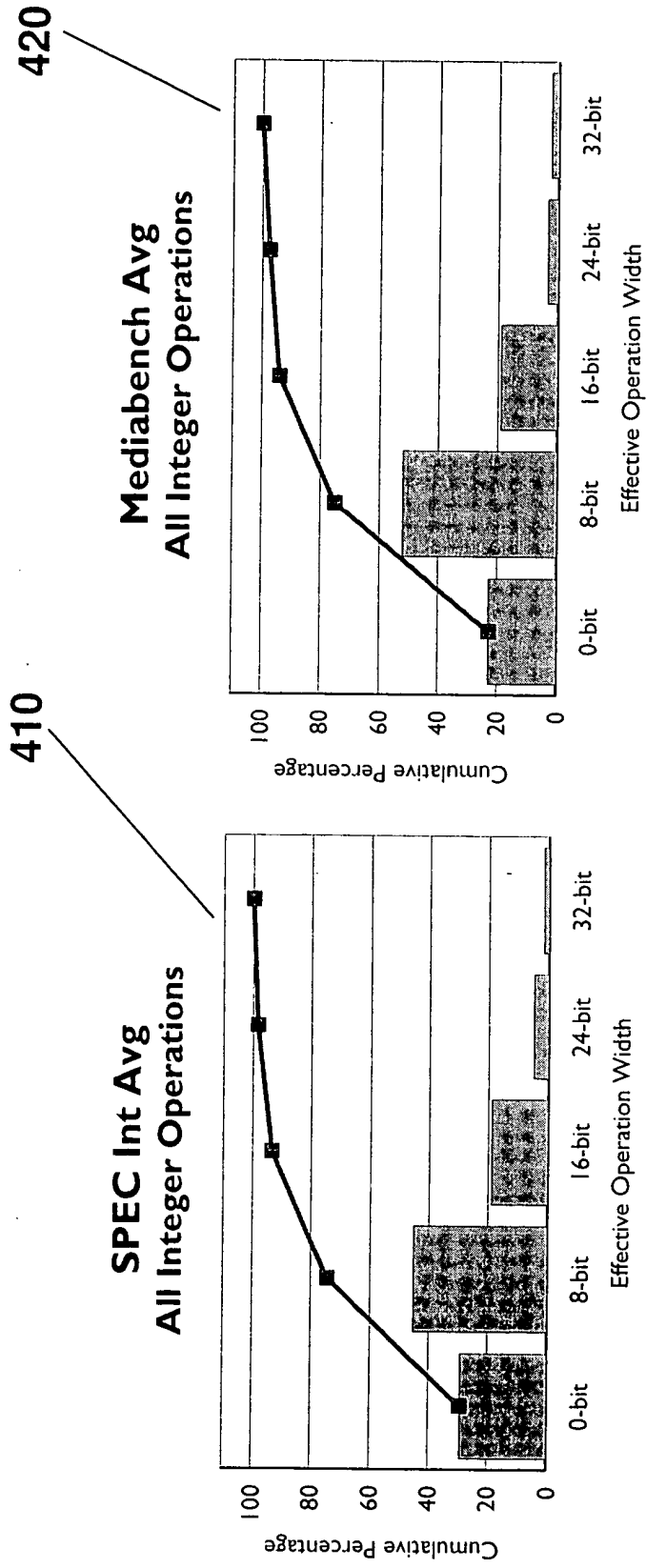


Fig. 4

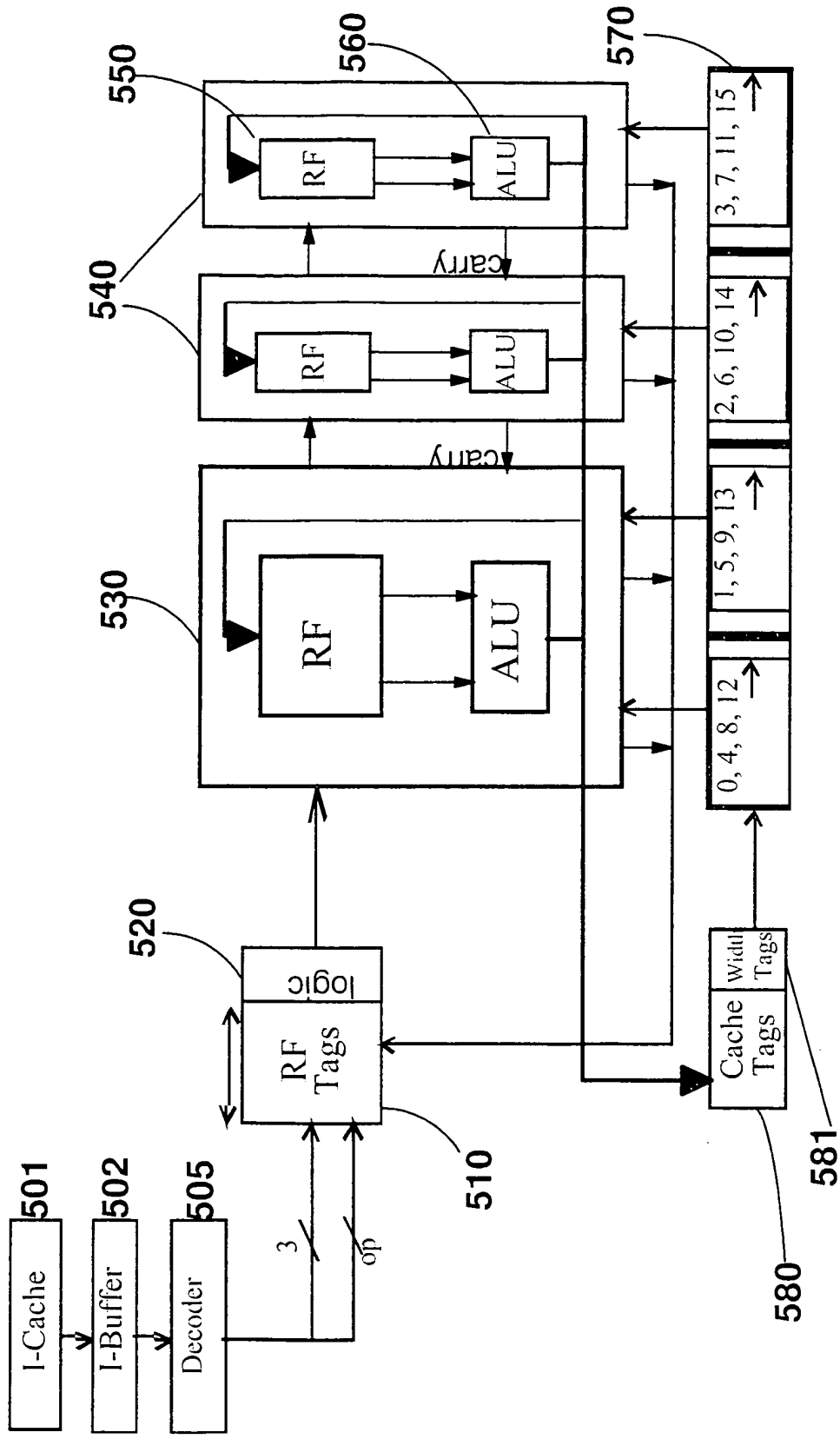
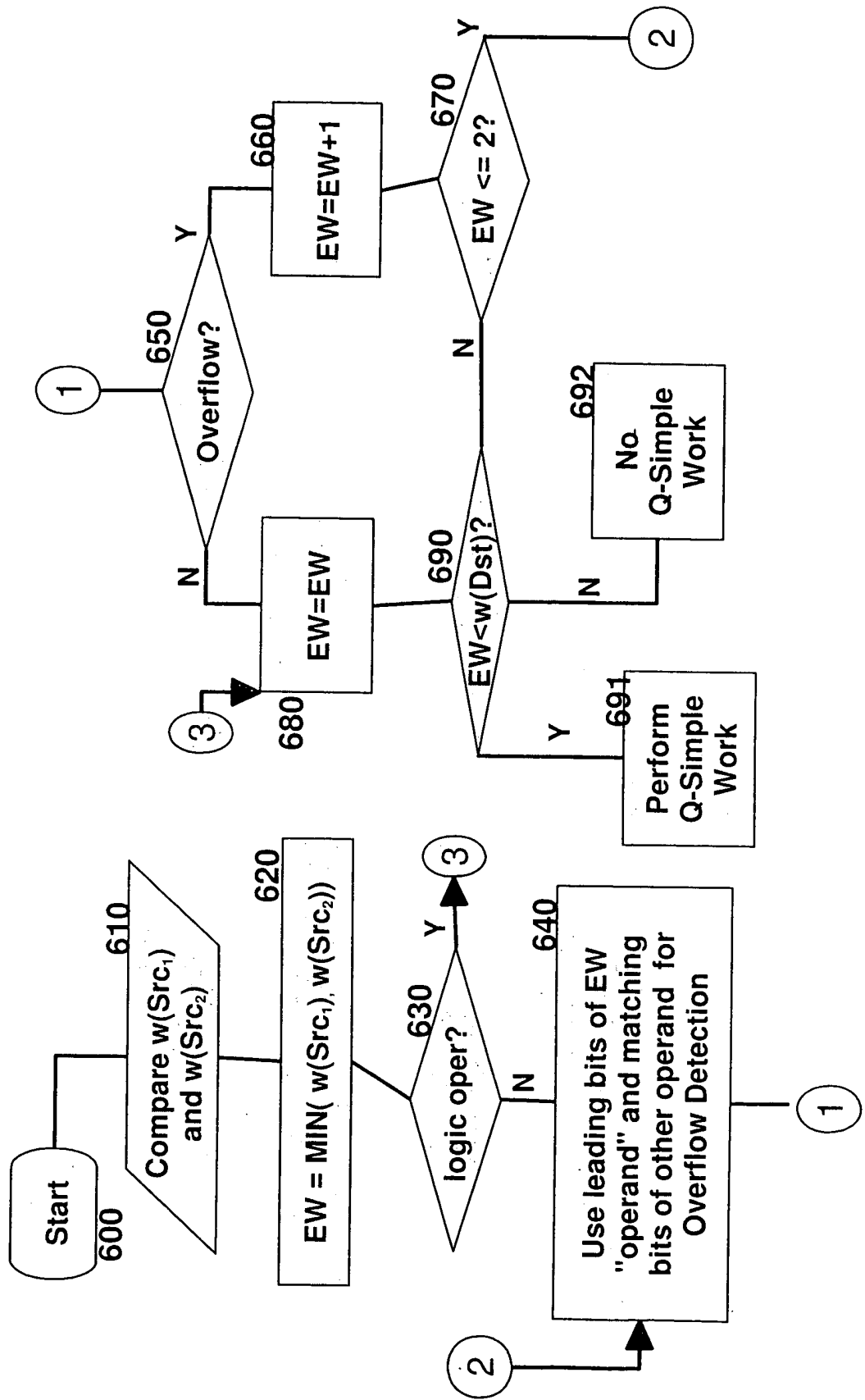


Fig. 5

Fig. 6



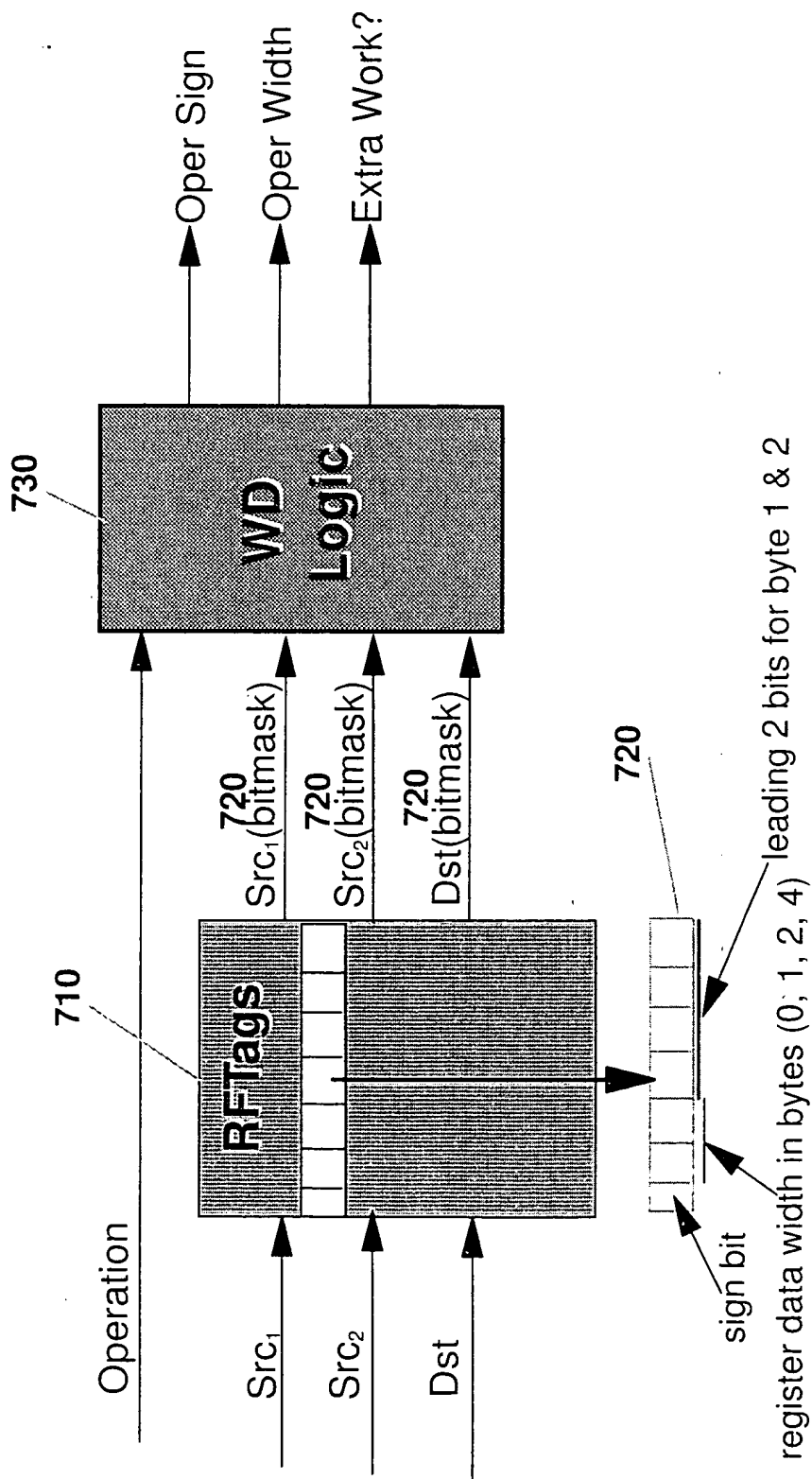


Fig. 7

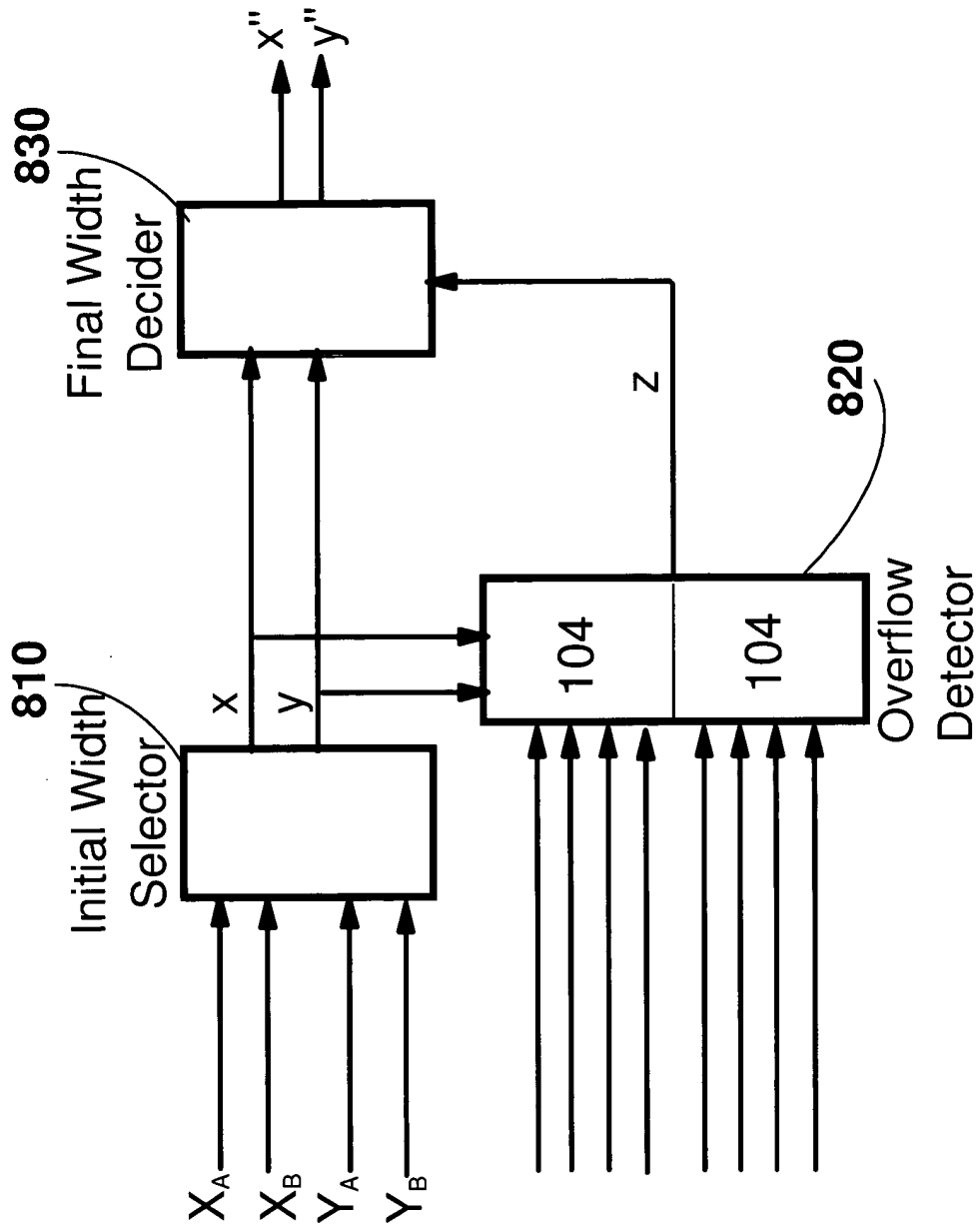


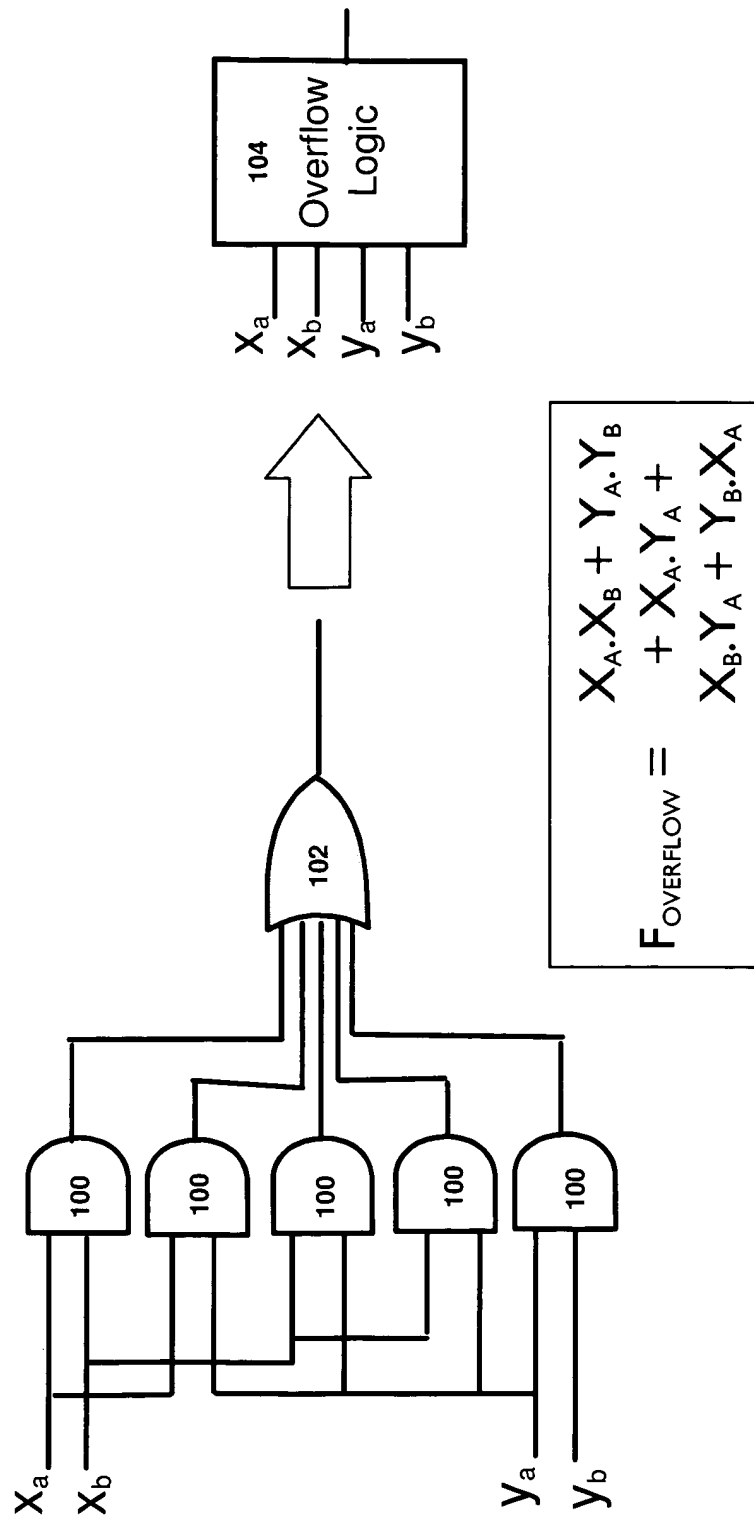
Fig. 8

| | | | | | |
|-----------|----|-----------|----|----|----|
| | | $Y_A Y_B$ | | | |
| | | 00 | 01 | 11 | 10 |
| $X_A X_B$ | 00 | | | 1 | |
| | 01 | | | 1 | 1 |
| | 11 | 1 | 1 | 1 | 1 |
| | 10 | | 1 | 1 | 1 |

$$F_{\text{OVERFLOW}} = X_A X_B + Y_A Y_B + X_A Y_A + X_B Y_A + Y_B X_A$$

Fig. 9

Fig. 10



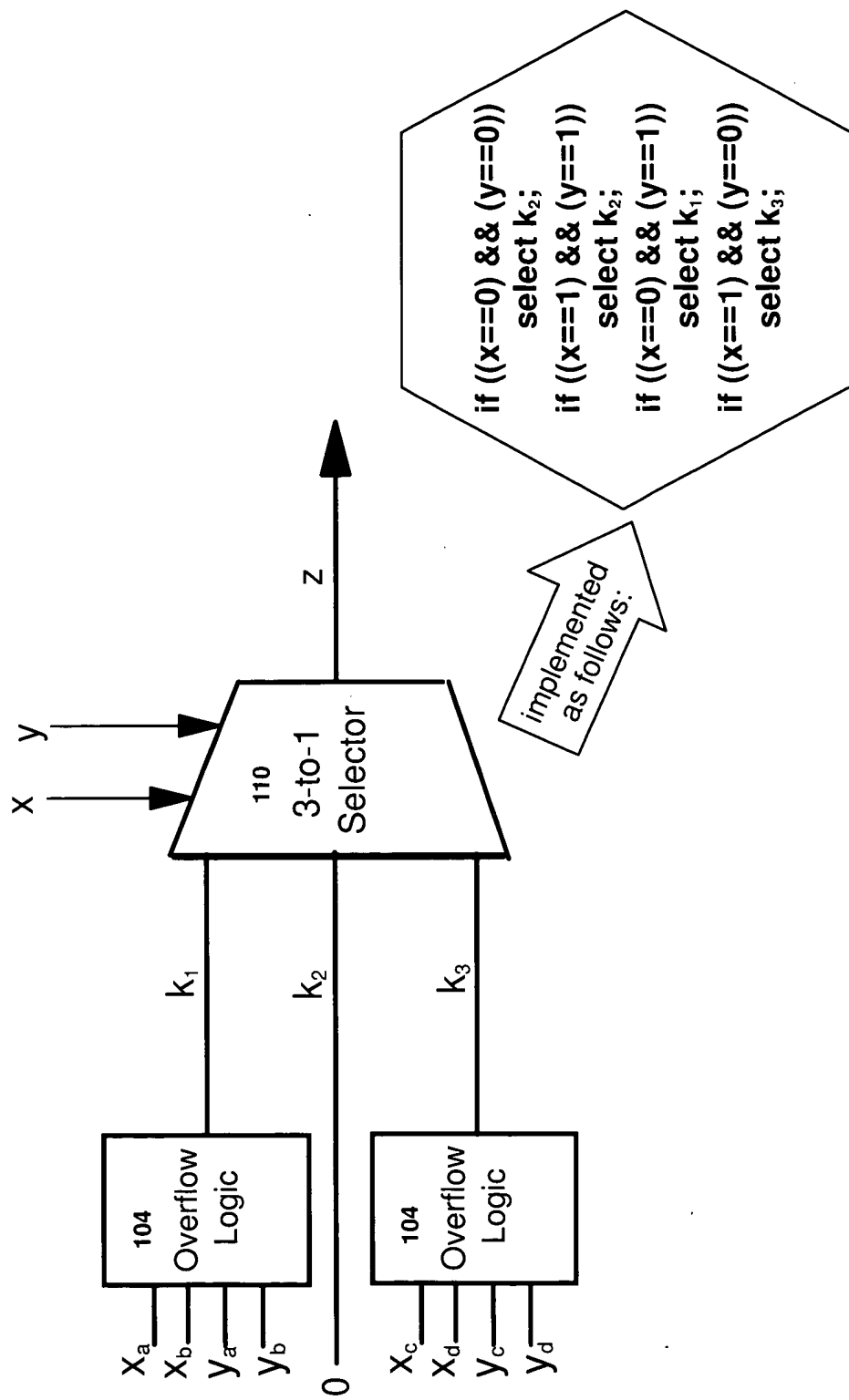
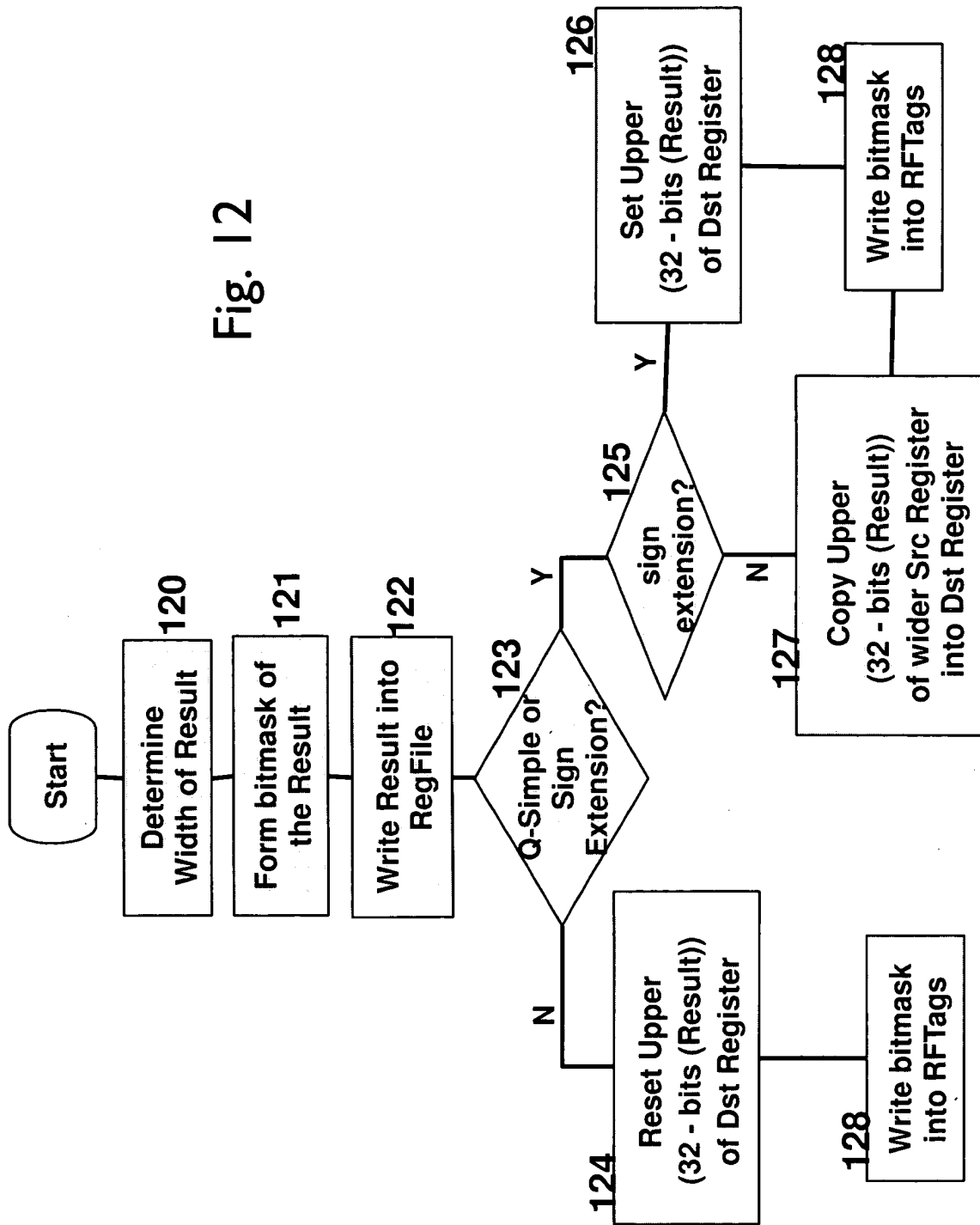


Fig. 12



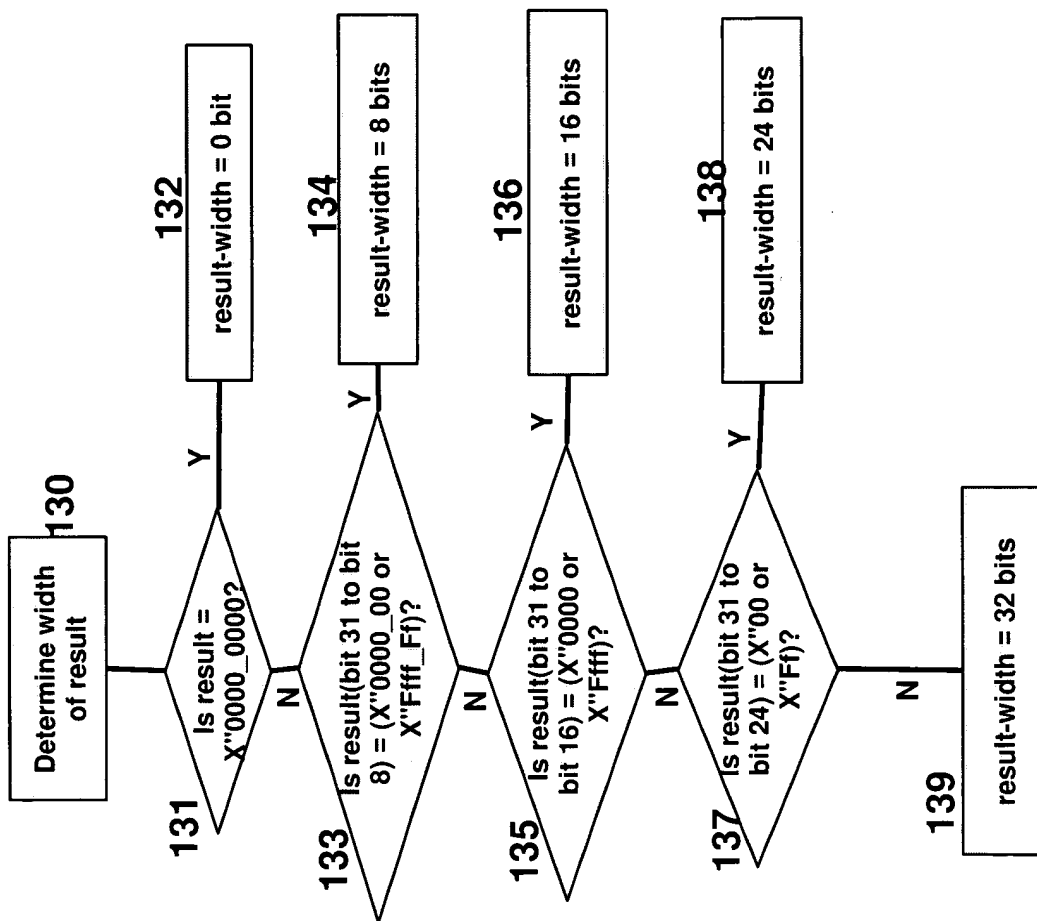


Fig. 13